

Abstract

A rotating electric machine having a magnetic circuit which in one of the parts of a rotor and a stator of the machine comprises an element (1) having a slot for a winding of layers (14, 16) of cables (9) extending substantially axially and arranged substantially radially outside each other, said cables comprising an inner conductor (10) comprising a plurality of strands (13) and an insulation (11) arranged outside thereof, has a larger share of strands of the cables closest to the other part of the rotor and the stator electrically insulated (15) with respect to each other than in the cables in the cable layer (16) most far away from said other part.